



Red Rock Hydroelectric Project

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG ®

Location

Des Moines River, Lake Red Rock, Pella, Marion Co., IA

State(s)

IA

Congressional District(s)

IA-3

Status

This project is authorized and permitted by the Federal Energy Regulatory Commission, (FERC) under the Federal Power Act. As part of the license agreement, the hydropower developer, Missouri River Energy Services, (MRES) is required to obtain USACE approval for the project under Section 408. This approval includes technical reviews of the project design, review of the operating plan, review of the water quality protection & monitoring plan, review of fishing access designs, review of the avian protection plan, review of the Indiana bat protection plan, cultural resources protection consultation, review of the hazmat spill emergency action plan, review of the system safety management plan, review of the emergency operations plan, and general oversight of construction. The USACE review team includes technical experts from the Rock Island District, Mississippi Valley Division, USACE Headquarters and USACE Risk Management Center. The USACE review occurred simultaneously with an Independent External Peer Review conducted by a team of experts from across the country. FERC technical experts also reviewed the proposed hydroelectric project. The developer's 408 submittal was received on August 27, 2013 and the Rock Island District completed its review in October 2013. HQUSACE has also completed its review and the Director of Civil Works approved the Section 408 Modification on March 7, 2014. The contractor, Ames Construction from Burnsville MN began construction on August 4, 2014. Ms. Jo-Ellyn Darcy participated in the groundbreaking ceremony that was conducted on August 13, 2014. Construction is scheduled to be completed in April, 2018.

Description

The project will upon completion generate 36.39 MW of electricity, which will be transmitted to the power grid in Pella IA by a combination of underground and overhead transmission lines. The construction of this facility will require the penetration of the existing Corps dam impounding Red Rock Lake. Additionally a powerhouse will be constructed at the downstream toe of the dam.

Major Work Item (This Fiscal Year)

Review of various submittals from MRES in support of the ongoing construction. MVR is providing administrative and technical overview, quality assurance and construction observation.

Major Work Item (Next Fiscal Year)

MVR will continue to provide administrative overview, quality assurance and construction observation services during construction.



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Authority Details

Federal Power Act, Section 408

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U.S. ARMY CORPS OF ENGINEERS - ROCK ISLAND DISTRICT

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